

IN THE CLAIMS:

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Please CANCEL claims 11, and 24-41 without prejudice.

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Please REWRITE claims 1, 2, 9, 13, 14, 19, 20, 21, and 22

as follows:

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1. (Amended) A coated substrate, comprising:
an antitarnish layer deposited on a substrate; and
an outer layer deposited onto said antitarnish layer,
said outer layer comprising tin or tin alloys having at
least 50% by weight tin, and wherein said antitarnish layer
is present in an amount effective to prevent tarnishing of
said outer layer.
 2. (Amended) The coated substrate of claim 1, wherein said
antitarnish layer comprises an antitarnish agent selected
from the group consisting of zinc, chromium, indium,
phosphorous, manganese, boron, thallium, calcium, silver,
gold, platinum, palladium, and combinations thereof.
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9. (Amended) The coated substrate of claim 8, wherein said
barrier layer comprises an element selected from the group
consisting of nickel, tin, iron, cobalt, copper, manganese,
and combinations thereof.

13. (Amended) A coated substrate comprising a coating on a substrate, said coating having a first surface and a second surface, said second surface positioned adjacent to said substrate, and comprising:

a metal layer comprising tin or tin alloys having at least 50% by weight tin; and

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a nonzero concentration gradient of antitarnish agent diffused into said metal layer, said nonzero concentration gradient having the highest concentration of said antitarnish agent at said second surface, said antitarnish agent present in said coating in an amount effective to prevent tarnishing of said metal layer;

and wherein said coating has a thickness between 10 microinches and 1000 microinches.

14. (Amended) The coated substrate claim 13, wherein said antitarnish agent is selected from the group consisting of zinc, chromium, indium, phosphorous, manganese, boron, thallium, calcium, silver, gold, platinum, palladium, and combinations thereof.

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19. (Amended) The coated substrate claim 13, further comprising a barrier layer disposed between said second surface and said substrate.

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20. (Amended) The coated substrate claim 19, wherein said barrier layer comprises an element selected from the group consisting of nickel, tin, iron, cobalt, copper, manganese, and combinations thereof.

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21. (Amended) The coated substrate of claim 13, wherein said coating further comprises a friction-reducing material selected from the group consisting of polyimide, polyamide, polytetrafluoroethylene, silicon carbide, aluminum oxide, tungsten carbide, molybdenum disulfide, and combinations thereof.

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22. (Amended) The coated substrate of claim 13, wherein said coating has a coefficient of friction in the range of from 0.1 to 0.3.